



(19)

(11) Publication number:

**60166378 A**

Generated Document

**PATENT ABSTRACTS OF JAPAN**(21) Application number: **59023919**(51) Intl. Cl.: **C09K 7/00**(22) Application date: **09.02.84**

(30) Priority:

(43) Date of application  
publication: **29.08.85**(84) Designated contracting  
states:(71) Applicant: **SHIKOKU CHEM CORP**(72) Inventor: **NOMURA SHUICHI  
MATSUBARA SUSUMU  
YONETANI NOBORU**

(74) Representative:

(54)

**CARBOXYMETHYLATED  
GLUCOSE POLYMER AND  
METHOD FOR ADJUSTING  
MUD USING SAID POLYMER**

(57) Abstract:

**PURPOSE:** The titled economically and advantageously mass-producible substance, obtained by reacting a mixture of pulp with starch in a specific proportion with monochloroacetic acid in the presence of NaOH to specify the carboxymethylation degree, having

improved heat resistance, and suitable for a dehydrating and water reducing agent for drilling mud.

CONSTITUTION: A substance, obtained by incorporating pulp with starch preferably at 70:30W40:60 weight ratio expressed in terms of anhydrous state, and reacting the resultant mixture with monochloroacetic acid in the presence of NaOH, and having 0.60W0.80 carboxymethylation degree. The resultant substance is added to a drilling mud to adjust the mud.

COPYRIGHT: (C)1985,JPO&Japio